

AUG 6 2004

PTO/SB/21 (04-04)

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| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 09/824,931 | |
| | Filing Date | 4/3/2001 | |
| | First Named Inventor | Michael P. Mittmann | |
| | Art Unit | 1631 | |
| | Examiner Name | Ardin H. Marschel | |
| Total Number of Pages in This Submission | 4 | Attorney Docket Number | 3381 |

| ENCLOSURES (check all that apply) | | |
|---|---|---|
| <input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) ____ | <input type="checkbox"/> After Allowance Communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Interview Summary, 3 Pages |
| Remarks Summary of Personal Interview conducted July 20, 2004 | | |
| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | |
| Firm or Individual name | William R. McCarthy III Reg. No. 55,788 | |
| Signature | <i>William R. McCarthy III</i> | |
| Date | 8/6/2004 | |

| CERTIFICATE OF TRANSMISSION/MAILING | | | |
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| Typed or printed name | William R. McCarthy III | | |
| Signature | <i>William R. McCarthy III</i> | Date | 8/6/2004 |

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Application No.: 09/824,931

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PATENT

Attorney Docket No. 3381

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Mittmann et al.

Examiner: Ardin H. Marschel

Serial No: 09/824,931

Group Art Unit: 1631

Filing Date: 4/3/01

**Title: Photolithographic Method and
System for Efficient Mask Usage in
Manufacturing DNA Arrays**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INTERVIEW SUMMARY UNDER 37 C.F.R. 1.133

Dear Examiner Marschel:

This Interview Summary is hereby submitted in connection with the personal interview held on July 20, 2004, in regard to the above-referenced application. In attendance were Applicant's representatives William R. McCarthy III, and Philip L. McGarrigle, and Examiner Ardin H. Marschel.

Applicants wish to thank the Examiner for conducting the above interview to discuss the present invention. During the interview, Applicant's representative, Mr. McCarthy, described the invention with respect to a Response filed July 1, 2004 to the Office Action mailed January 5, 2004.

Specifically, Mr. McCarthy argued that that the reference (Hess et al. US 2002/0094533) applied with respect to the rejection to Claims 1-16 under 35 USC 102 (e) (1) does not teach the limitations required by the claims, in particular the subdivision of a mask into reticle areas, where each reticle area is further subdivided into reticles. Mr.

Application No.: 09/824,931

McCarthy also argued that each reticle area is associated with a synthesis area on a substrate, and that the invention of subdividing areas on the mask reduces the total number of masks required for synthesizing polymers.

Examiner Marschel responded that the limitations as currently claimed do not represent the described invention. Examiner Marschel suggested possible limitations that could help define the claimed invention.

Examiner Marschel also pointed to a reference (Pierrat U.S. Patent Serial No. 6,040,892) from a recently submitted Information Disclosure Statement (IDS filed January 8, 2004), suggesting consideration of the reference if Applicants choose to amend Claims.

It is believed that no fee is required for the submission of this response. However, if a fee is required, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account 01-0431.

Application No.: 09/824,931

Respectfully submitted,

By William R. McCarthy III

William R. McCarthy III Reg. No.: 55,788

Customer No.: 22886
Legal Department
Affymetrix, Inc.
3380 Central Expressway
Santa Clara, CA 95051
Tel: 781/280-1522
Fax: 781/687-9090